



**PATENT**

**Docket No.: 12577/21**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT : Shinichi MIHARA

SERIAL NO. : 10/692,809

FILED : 27 October 2003

FOR : ZOOM LENS

GROUP ART UNIT : (Unassigned)

**Conf. No. 9683**

Examiner : (Unassigned)

COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97 & § 1.98**

S I R:

In conformance with Applicant's duty of disclosure under 37 C.F.R. § 1.56 and § 1.97(b)(3), the references listed on the attached form PTO-1449 are hereby brought to the Examiner's attention.

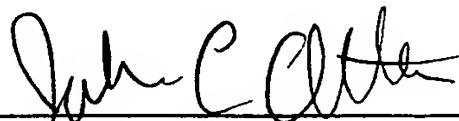
In accordance with the requirements of 37 C.F.R. § 1.98, copies of the references are submitted herewith.

The US references correspond to the following Japanese references described in the specification:

<b><u>US Patent</u></b>	<b><u>Corresponding to:</u></b>
6,088,169	JP KOKAI Hei 03-139607 & JP KOKAI Hei 03-158817
6,124,987	JP KOKAI Hei 249016
6,308,011	JP KOKAI Hei 11-287953
5,668,668	JP KOKAI Hei 08-304704
5,721,642	JP KOKAI Hei 08-304704
5,798,871	JP KOKAI Hei 08-304704

It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear in the "references cited" on any patent to issue therefrom.

Respectfully submitted,



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Dated: 13 May 2004

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**FORM PTO-1449  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT(S)**

Atty Docket No. : 12577/21  
Serial No. :  
Inventors : Shinichi MIHARA  
Filed : 27 October 2003  
Group Art Unit :  
Examiner :



**U.S. PATENT DOCUMENTS**

<u>Examiner Initial</u>	<u>Patent Number</u>	<u>Patent Date</u>	<u>Name</u>	<u>Class/ Subclass</u>	<u>Filing Date</u>
	5,157,550	10/20/92	TSUCHIDA et al.	359/686	
	6,088,169	07/11/00	OHNO	359/682	
	6,124,987	09/26/00	KAYANUMA et al.	359/692	
	6,308,011	10/23/01	WACHI et al.	396/72	
	5,668,668	09/16/97	SHIBAYAMA et al.	359/683	
	5,721,642	02/24/98	SHIBAYAMA et al.	359/686	
	5,798,871	08/25/98	SHIBAYAMA et al.	359/684	

**FOREIGN PATENT DOCUMENTS**

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Date</u>	<u>Country</u>	<u>Class/ Subclass</u>	<u>Translation Yes No</u>
	09-211287	08/15/97	Japan		X
	11-194274	07/21/99	Japan		X
	2000-137164	05/16/00	Japan		X

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner  
Initial \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.